

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : Confirmation No. :  
First Named Inventor : Anthony M. KINGHORN  
Filed : December 16, 2004  
TC/A.U. :  
Examiner :  
  
Docket No. : 038665.55711US  
Customer No. : 23911  
  
Title : Improvements in or Relating to Range Resolution

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R §§ 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 16, 2004

Sir:

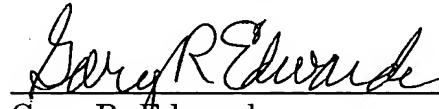
In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

Copies of the references listed on the attached form PTO-1449 have already been provided by the International Searching Authority, therefore, duplicate copies are not attached hereto. Applicant encloses herewith a copy of a International Search Report citing such documents indicating the degree of relevance found by the foreign office. Also enclosed is a British Search Report together with a copy of GB 2 149 992 A cited therein.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no statement under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Sheet	1	of	1	Application Number	
				Filing Date	December 16, 2004
				First Named Inventor	Anthony M. KINGHORN
				Art Unit	
				Examiner Name	
				Attorney Docket Number	038665.55711US

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
AA	US-	4,709,237	A	11/24/1987	Marcuard et al	Col. 1, I-1 – Col. 3, I. 14, pg. 1
AB	US-	6,211 812	B1	04/03/2001	Moser et al	Col. 1, I13 – Col 5, I.10, Fig. 2
AC	US-	2002/0075178	A1		Woodington et al	Fig. 3 & Paras. 48-50
AD	US-	4,237,461	A		Cantrell et al	Fig. 1 & Col. 1, I. 66 – Col. 3, I.30
AE	US-	5,719580	A		Core	Col. 1, I.58 – Col. 2, L. 45
AF	US-	3,648,177	A		Himmel	Col. 1, I-54-Col. 2, I 44
AG	US-					
AH	US-					
AR	US-					

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
AS		EP 0 291 337 A		11/17/1988	Nippon Electric	Col. 1, I.1 – Col. 3, I. 65, Figure 1	
AT		GB 1 587 357 A		04/01/1981	Int Standard Electric	P. 1, I.1 – p.3, I. 60, Figs 1-3	
AW							

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
AX		Cohen, M.N.: "An overview of high range resolution radar techniques" – PROCEEDINGS OF THE NATIONAL TELESYSTEM CONFERENCE. Atlanta, March 26-27, 1991, New York, IEEE, US, Vol. 1, 26 March 1991, pages 107-115, XP010047012, ISBN: 0-7803-0062-9 (The whole document)				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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